HW#2: *Do All Students Need Challenging Math in High School* Reflection

Honors Geometry

**Due Date:** Wednesday, August 26th, 2015

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

**Failure to write in COMPLETE SENTENCES will result in LaSalle.**

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| 1) List three statistics from the article that indicate that higher level math is indicative of future success: |
| 2) Summarize your interpretation of the first graph titled “Highest level of math in high school is the strongest predictor of BA attainment, regardless of race, family income or background” (1 – 2 sentences). |
| 3) Why is it important to take higher level math even if you do not plan on attending a 4-year college? |
| 4) Why do college graduates say that Algebra II helped them in college? |
| 5a) What percentage of graduates said they would work harder and apply themselves more if they could go back and do high school all over again?  \_\_\_\_  b) Summarize your interpretation of the third graph titled “Majority of graduates would have taken harder courses” (1 – 2 sentences). |
| 6) Quote 1 – 2 sentences that were impactful. *Why* were they impactful?  1:    2: |
| 7) What can states do to increase the percentage of students taking higher level math courses in high school? |
| 8) What are your *three* key take-aways from this article? In other words, what are the three things that really stuck with you after finishing the article? |
| 9) What do you want to be when you grow up? How does math apply to this job? |
| 10) List at least one job that requires math/problem solving/logic/strategic thinking/architectural design that may interest you. Explain how math relates to this job. *If you cannot think of one off of the top of your head, look it up online!* |